## Index of Claims



Application/Control No.

10/566,358

Examiner
Chun Crowder

Applicant(s)/Patent under Reexamination

BOUREL ET AL.

Art Unit

1644

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|             | 0          |          | Ш        |        |              |          |          |           |          |           |          | <u> </u> |  |          |          |          | $ \bot $        | $\perp$  | $\perp$  |          |          |          |            | Ш        |          |          |          |                |          | _               |           |          |
|             | 1          |          | Ш        |        |              |          |          |           |          | _         | · ·      | 51       | Щ  | Ш        | $\Box$   | $\dashv$ | _               | _        | _        | _        | _        | <u> </u> | 101        |          |          | _        | _        | _              | _        | _               |           |          |
|             | 2          | _        | Щ        | _      |              |          |          |           |          | _         |          | 52       | <u> </u>   |          | _        | _        |                 | $\perp$  | $\dashv$ | _        | _        |          | 102        |          |          | _        |          | _              | _        | _               | _         |          |
|             |            | <u> </u> | Ш        | _      | Ш            |          |          |           | _        | _         |          | 53       | <u> </u>   |          | $\dashv$ | _        | 4               | 4        | _        | -        | _        | <u> </u> | 103        |          | _        | $\dashv$ | _        |                | -        | 4               | $\dashv$  | _        |
| $\vdash$    | #          | <u> </u> | Ш        | _      |              |          |          | $\dashv$  | _        | _         |          | 54       | _  | _        | _        |          | _               | 4        |          | -        | 4        | <u> </u> | 104        |          | _        | _        | _        |                | -        | $\dashv$        | $\dashv$  | $\dashv$ |
|             | <u> </u>   | <u> </u> | Н        | _      |              |          |          | $\dashv$  | -        |           | <u> </u> | 55       | $\vdash$   |          |          |          | $\dashv$        | -        | -        | +        | _        | -        | 105        | $\vdash$ |          |          | _        |                |          | $\dashv$        | -         | -        |
|             | 6          | <u> </u> |          |        | $\Box$       |          |          |           | $\dashv$ |           |          | 56       | _  |          | -        | $\dashv$ | $\dashv$        | +        | +        | +        | ┥        |          | 106        | $\vdash$ |          | $\dashv$ | -        | $\dashv$       | $\dashv$ |                 | $\dashv$  |          |
|             | 7          | _        | $\vdash$ | -      | -            | _        |          | $\dashv$  | $\dashv$ | {         | -        | 57<br>58 | -  |          | -        | $\dashv$ | $\dashv$        | $\dashv$ | +        | -        | ⊣        | -        | 107<br>108 | Н        | ∸⊹       | -        | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$        | $\dashv$  |          |
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| $\vdash$    | 0          | -        | Н        |        | Н            | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ | -         | -        | 60       |  | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$        | +        | $\dashv$ | +        | $\dashv$ |          | 110        | Н        | $\vdash$ | ╛        | $\neg$   | $\dashv$       | $\dashv$ | $\dashv$        | -         | $\neg$   |
| $\vdash$    | 1          | -        | H        |        | Н            |          | $\dashv$ |           | - 1      | _         | -        | 61       |  | $\vdash$ | $\dashv$ | $\dashv$ | _               | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\vdash$ | 111        | Н        | $\dashv$ | _        |          | $\dashv$       | $\dashv$ | _               | -         | $\dashv$ |
|             | 2          | Н        | H        |        | Н            |          |          |           | $\dashv$ | $\neg$    |          | 62       |  | -        | $\vdash$ | $\dashv$ | 7               | 1        | $\dashv$ | $\dashv$ | $\dashv$ |          | 112        |          | $\vdash$ | $\dashv$ | . 1      |                |          | $\dashv$        | $\dashv$  | $\dashv$ |
| $\vdash$    | 3          | Н        | Н        | $\neg$ | Н            |          |          |           | _        | $\dashv$  |          | 63       | $\vdash$   |          | $\vdash$ | $\dashv$ | $\dashv$        | $\dashv$ | 十        | $\dashv$ | $\dashv$ |          | 113        | Н        |          | 一        | $\dashv$ | $\neg \dagger$ | $\neg$   | $\neg$          | $\dashv$  | $\neg$   |
|             | 14         |          | $\vdash$ | $\neg$ | $\vdash$     |          |          | $\Box$    | $\dashv$ | $\neg$    | <u> </u> | 64       |  |          |          | $\neg$   | $\neg \uparrow$ |          | $\dashv$ | $\top$   | $\dashv$ |          | 114        |          |          | 寸        |          |                | $\neg$   | $\neg$          | $\neg$    |          |
|             | 15         | >        | П        |        | П            | П        |          |           |          | $\exists$ |          | 65       |  |          |          |          |                 |          |          |          | J        |          | 115        |          |          |          |          |                | 〓        |                 |           | _        |
|             | 16         | 1        |          |        |              |          |          |           |          |           |          | 66       |  |          |          |          |                 |          |          |          |          |          | 116        |          |          |          |          |                |          |                 |           |          |
|             | 17         | П        |          |        |              |          |          |           |          |           |          | 67       |  |          |          |          |                 |          | 4        | $\Box$   |          |          | 117        |          |          |          |          |                |          |                 |           |          |
|             | 18         | П        |          |        |              |          |          |           |          |           |          | 68       |  |          |          |          |                 |          |          |          |          |          | 118        |          |          |          |          |                |          |                 |           |          |
|             | 19         | П        |          |        |              |          |          |           |          |           |          | 69       |  |          |          |          |                 |          |          |          |          |          | 119        |          |          |          |          |                |          |                 |           |          |
|             | 20         | Ш        | Ш        |        | Ш            |          |          |           | _        | _         |          | 70       |  |          |          |          |                 |          | $\perp$  | $\perp$  |          |          | 120        |          |          |          |          |                |          | _               | $\dashv$  |          |
|             | 21         | Ш        | Ш        | _      | Ш            |          |          |           | _        |           | <u> </u> | 71       | ļ  |          |          |          |                 | _        | 4        | 4        | _        |          | 121        | Ш        |          | _        |          |                |          | _               |           |          |
| $\perp$     | 22         | 1        | Ш        |        |              |          |          |           | _        | _         | <u> </u> | 72       | _  |          | Ш        |          | $\dashv$        | _        | 4        | 4        | _        |          | 122        | Ш        |          |          |          |                | _        | _               | _         | · _      |
|             | 23         | L        |          | _      |              | _        |          | $\square$ | _        | _         |          | 73       | _  | _        |          | _        | $\dashv$        |          | _        | 4        | _        |          | 123        | Ш        | -1       | _        |          |                |          |                 |           |          |
|             |            | 1        |          | _      | Н            | Н        | _        | $\vdash$  |          |           |          | 74       | _  | <u> </u> | -        |          |                 | -        | -        | +        |          | <u> </u> | 124        | Н        | $\vdash$ | -        |          |                | -        | $\dashv$        | $\dashv$  |          |
| -           | 25         | ⊢        | Н        |        | Н            |          |          | Н         | $\dashv$ | {         |          | 75       | -  | <u> </u> |          |          | $\dashv$        |          | -        | -        |          |          | 125        |          |          |          |          |                | $\dashv$ | $\dashv$        | $\dashv$  |          |
| $\vdash$    | 26         | ⊢        | Н        |        | Н            | $\vdash$ | _        | Н         | $\dashv$ | $\dashv$  |          | 76       | -  | ┝        | $\vdash$ | -        | $\dashv$        | -+       | $\dashv$ | +        | ┨.       |          | 126<br>127 | Н        | Н        | $\dashv$ |          |                | -        | $\dashv$        | $\dashv$  |          |
| $\vdash$    | 27<br>28   | ├-       | -        | _      | Н            |          |          | Н         | $\dashv$ |           |          | 77<br>78 |  |          | H        |          | -               | +        | +        | ┽        | $\dashv$ | $\vdash$ | 128        | $\vdash$ | Н        | $\dashv$ |          | $\vdash$       |          | $\dashv$        |           |          |
| $\vdash$    | 29         | ┝        | Н        | -      | Н            | Н        |          | Н         | $\dashv$ | $\dashv$  | -        | 79       | -  | ⊢        | Н        |          | $\dashv$        | $\dashv$ | -+       | $\dashv$ | $\dashv$ |          | 129        | H        | Н        |          |          |                | -        | -               |           | _        |
| $\vdash$    | 30         | ┢╾       | Н        |        | Н            | Н        |          | Н         |          |           | -        | 80       | -  | ┢        | Н        |          | $\dashv$        | +        | -+       | -        | $\dashv$ |          | 130        | Н        | Н        | $\dashv$ | _        |                |          | $\dashv$        | $\dashv$  |          |
| $\vdash$    | 31         | ┢┈       | Н        |        | Н            |          |          |           |          | -         |          | 81       | $\vdash$   | $\vdash$ |          | _        | $\dashv$        | 一        | $\dashv$ | -        | $\dashv$ | -        | 131        |          | Н        |          | _        | $\neg$         |          | $\dashv$        | $\dashv$  | _        |
|             | 32         | $\vdash$ | -        | _      | _            | _        |          |           |          | ᅥ         | <u> </u> | 82       | <del>                                     </del> | $\vdash$ | Н        | -        | $\neg$          | ᅥ        | _        | +        | $\dashv$ | _        | 132        | Н        | Н        | $\dashv$ |          |                |          |                 |           |          |
|             | 33         | ┢        | П        |        | Н            |          |          | П         |          | $\dashv$  |          | 83       | $\vdash$   |          |          | $\neg$   | $\neg$          |          | $\top$   | $\dashv$ | ┪        |          | 133        |          | П        |          |          |                |          | $\neg$          | $\neg$    |          |
|             | 34         |          |          |        | П            |          |          |           |          | $\exists$ |          | 84       |  |          | П        |          |                 | 7        |          | 7        | ┪        |          | 134        | П        | П        |          |          |                |          | 寸               | $\neg$    | _        |
|             | 35         |          |          |        |              |          |          |           | _1       |           |          | 85       |  |          | П        |          |                 |          | 丁        |          | ╗        |          | 135        |          |          |          |          |                |          |                 |           | _        |
|             | 36         |          |          |        |              |          |          |           |          |           |          | 86       |  |          |          |          |                 |          |          |          |          |          | 136        |          |          |          |          |                |          |                 |           |          |
|             | 37         |          |          |        |              |          |          |           |          |           |          | 87       |  |          |          |          |                 |          | $\Box$   | I        |          |          | 137        |          |          |          |          |                |          |                 |           |          |
|             | 38         |          |          |        |              |          |          |           |          | $\Box$    |          | 88       |  |          |          |          |                 | $\Box$   |          |          | _        |          | 138        |          | Ш        |          |          |                |          |                 |           |          |
|             | 39         | <u> </u> | Ш        |        | $\sqcup$     | Ш        | Ш        | Ш         |          | Ц         |          | 89       | $oxed{\Box}$                                     | _        | Ш        |          | $\sqcup$        | $\perp$  | 4        | $\perp$  | _        |          | 139        | $\sqcup$ | Ш        | $\Box$   |          |                | Ш        |                 |           |          |
|             | 40         | _        | Ш        |        | <u> </u>     | Ш        | Ш        | Ш         |          | _         |          | 90       | $oxed{oxed}$                                     | _        | Ш        |          | $\Box$          |          |          | $\bot$   | _        |          | 140        | L.,      | Щ        |          |          |                | Ш        | 凵               |           | Ι        |
|             | 41         | <u> </u> | Ш        |        | Ш            | Ш        | Щ        | Ш         | $\Box$   | _         |          | 91       | $oxed{oxed}$                                     | L        | Ш        |          |                 |          | _        | $\perp$  | _        | <u> </u> | 141        | Ш        | Ш        |          |          |                | Ш        | $\sqcup$        | _         | <u> </u> |
| $\vdash$    | 42         | <u> </u> | Ц        |        | _            | $\vdash$ |          |           |          | _         |          | 92       | $oxed{oxed}$                                     | <u> </u> | Ш        |          |                 | _        | $\dashv$ | $\perp$  | _        |          | 142        | <u> </u> | $\vdash$ |          |          |                |          | Щ               |           |          |
|             | 43         | <u> </u> | Ш        |        | $\vdash$     | _        | _        | Щ         | $\Box$   | _         |          | 93       | $\vdash$   | <u> </u> | $\sqcup$ |          |                 | _        |          |          |          | <u> </u> | 143        | $\vdash$ |          |          | <u> </u> |                |          |                 | $\square$ | <u> </u> |
| <u> </u>    | 44         | ├        | Н        |        | $\vdash$     | Щ        | <u> </u> | $\vdash$  |          |           | -        | 94       | -  | -        | $\vdash$ |          | $\vdash \vdash$ | -        | $\dashv$ | +        | -        | $\vdash$ | 144        | -        | $\vdash$ | $\vdash$ | <u> </u> | <b> </b>       | $\vdash$ | $\vdash \dashv$ | $\dashv$  | $\vdash$ |
|             | 45         | ├-       | $\vdash$ |        | -            | _        | $\vdash$ | Н         | _        | $\dashv$  | -        | 95       | -  | <u> </u> | Н        |          |                 |          | +        | -+       | -        | $\vdash$ | 145        | -        | $\vdash$ | Щ        | _        |                | Н        | $\vdash$        | $\dashv$  |          |
|             | 46         | -        | $\vdash$ |        | _            | _        | -        | Н         | _        | $\dashv$  | -        | 96       | $\vdash$   | -        | Н        |          | $\vdash$        | -+       | -+       | $\dashv$ | $\dashv$ | <u> </u> | 146        | -        | $\vdash$ |          | <u> </u> |                | Н        | $\vdash$        |           | <b>—</b> |
| -           | 47         | $\vdash$ | $\vdash$ | _      |              |          | $\vdash$ | Н         |          | $\dashv$  |          | 97       | $\vdash$   | -        | $\vdash$ |          |                 | -        | -+       | $\dashv$ | $\dashv$ | $\vdash$ | 147<br>148 | $\vdash$ |          | -        |          | $\vdash$       | Н        | $\vdash$        |           | _        |
| $\vdash$    | 48<br>49   | ┢        | $\vdash$ |        | <del> </del> |          | -        | $\vdash$  |          | $\dashv$  | -        | 98<br>99 | ⊢  | ⊢        | Н        | -        | $\vdash \dashv$ | $\dashv$ | -        | +        | $\dashv$ | $\vdash$ | 149        | +-       | $\vdash$ | -        | ⊢        | H              | Н        | $\vdash$        | -         | _        |
| <del></del> | 50         | ╁        | H        |        | $\vdash$     | H        |          | H         |          | $\dashv$  | -        | 100      | ┼  | $\vdash$ | $\vdash$ | _        | $\vdash$        | $\dashv$ | $\dashv$ | -+       | $\dashv$ |          | 150        | $\vdash$ | $\vdash$ |          | $\vdash$ | <u> </u>       | $\vdash$ | $\vdash$        |           | -        |
|             |            |          | _        |        | _            | <u> </u> | Щ.       |           | ш.       |           |          | 1.00     | L  | Ь_       | لب       |          | ш               |          | _        |          | _        |          | , .00      |          | Щ        |          |          |                |          |                 |           |          |